

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
 Data File : VV039015.D
 Acq On : 22 Aug 2025 14:10
 Operator : SY/MD
 Sample : Q2924-02DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-201-082025DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/25/2025
 Supervised By : Mahesh Dadoda 08/25/2025

Quant Time: Aug 25 02:22:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	4.600	168	581936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1169048	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1041283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	510275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	488252	59.794	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 119.580%#	
35) Dibromofluoromethane	4.503	113	393254	44.855	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 89.700%	
50) Toluene-d8	7.236	98	1396278	45.672	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 91.340%	
62) 4-Bromofluorobenzene	10.002	95	524195	46.870	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 93.740%	
Target Compounds						
					Qvalue	
21) trans-1,2-Dichloroethene	2.716	96	13415m	1.950	ug/l	
27) cis-1,2-Dichloroethene	3.847	96	10902m	1.313	ug/l	
40) Benzene	5.008	78	1870390	52.449	ug/l	100
52) Toluene	7.307	92	4490735	198.837	ug/l	100
67) Ethyl Benzene	8.940	91	219193	5.719	ug/l	98
68) m/p-Xylenes	9.063	106	495077	33.260	ug/l	98
69) o-Xylene	9.468	106	268524	19.792	ug/l	98
70) Styrene	9.487	104	1176243	50.533	ug/l	93
80) 1,3,5-Trimethylbenzene	10.471	105	38833	1.348	ug/l	98
84) 1,2,4-Trimethylbenzene	10.844	105	143126	5.190	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

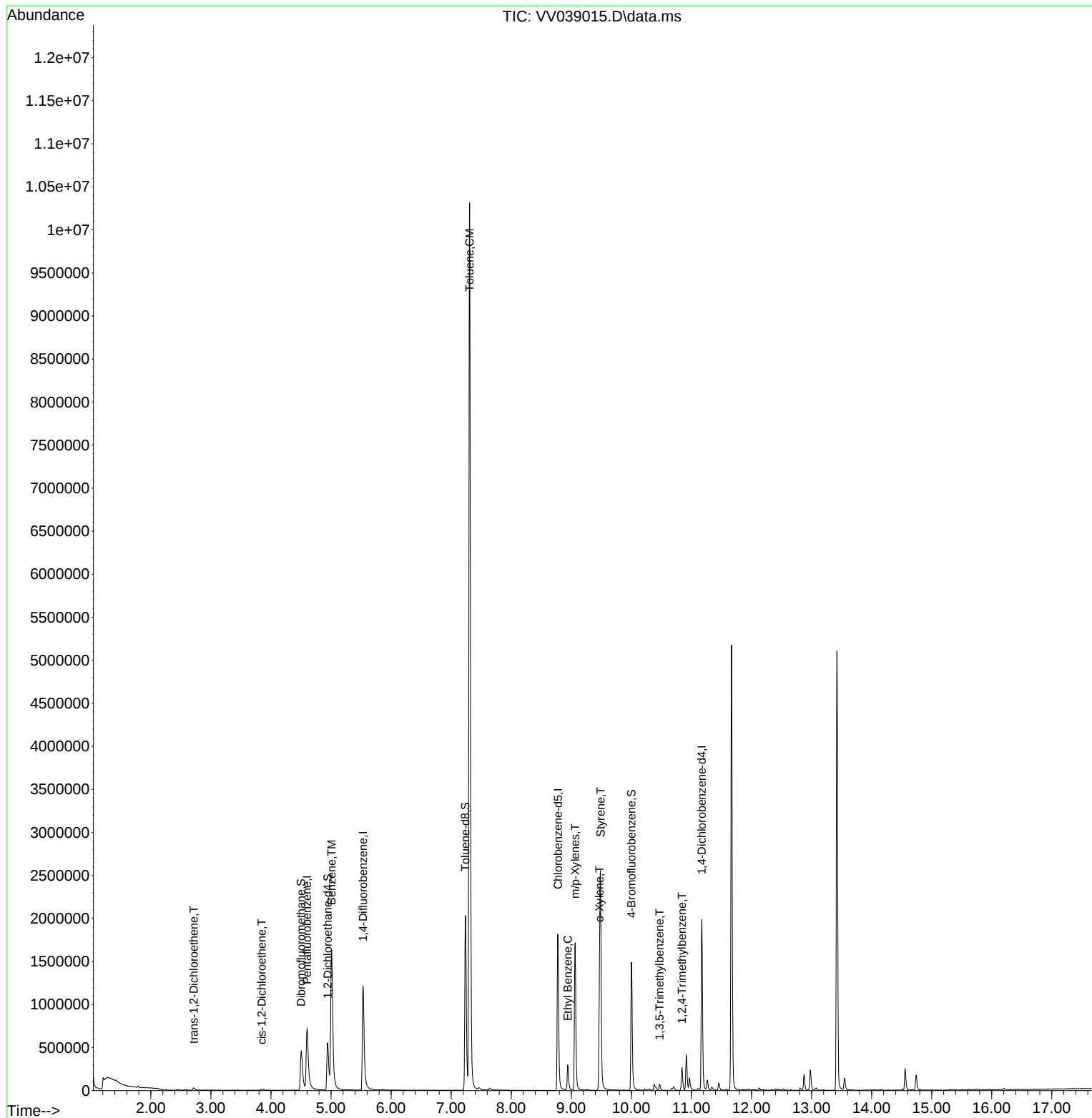
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082225\
Data File : VV039015.D
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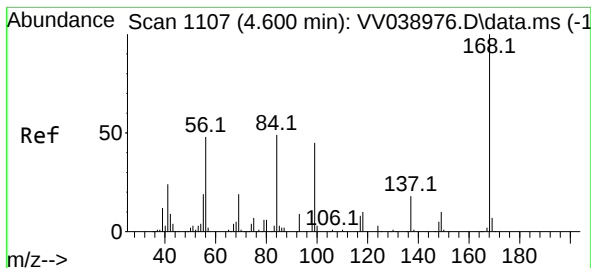
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025DL

Quant Time: Aug 25 02:22:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV039015.D

Acq: 22 Aug 2025 14:10

Instrument :

MSVOA_V

ClientSampleId :

MW-201-082025DL

Tgt Ion:168 Resp: 581930

Ion Ratio Lower Upper

168 100

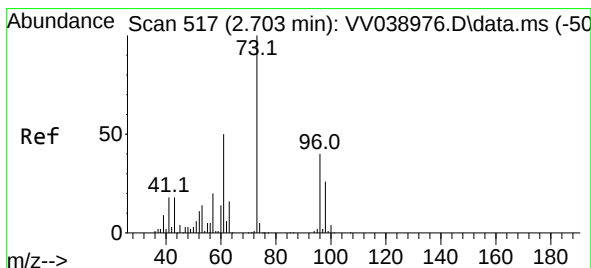
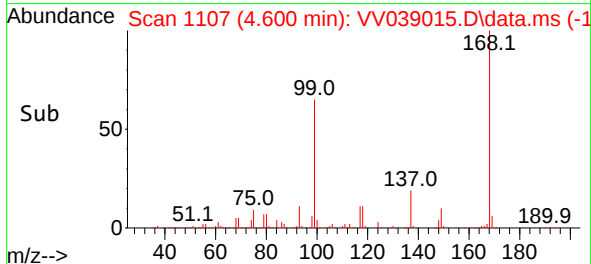
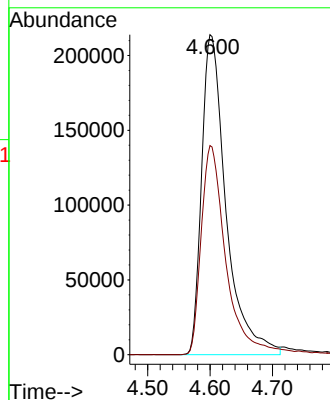
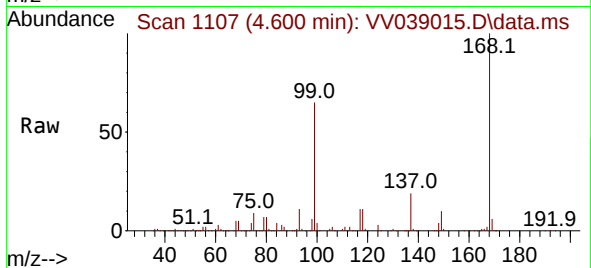
99 65.3 47.0 70.6

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 08/25/2025



#21

trans-1,2-Dichloroethene

Concen: 1.950 ug/l m

RT: 2.716 min Scan# 521

Delta R.T. 0.013 min

Lab File: VV039015.D

Acq: 22 Aug 2025 14:10

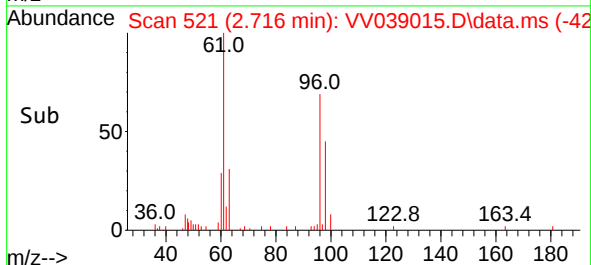
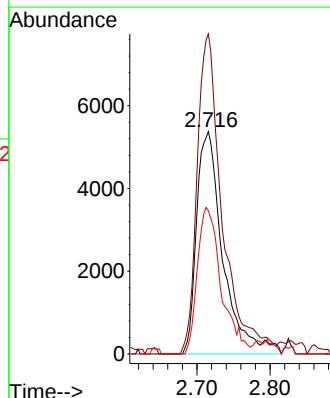
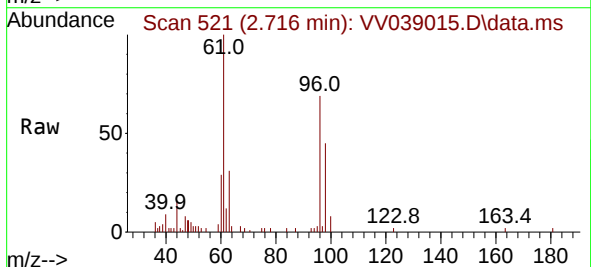
Tgt Ion: 96 Resp: 13415

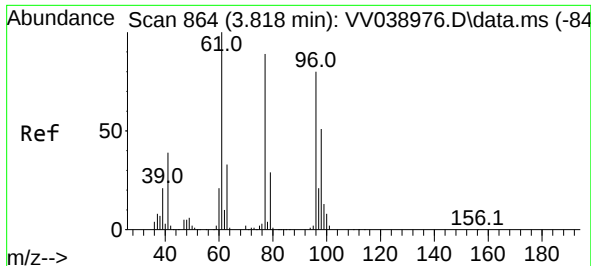
Ion Ratio Lower Upper

96 100

61 143.9 100.6 151.0

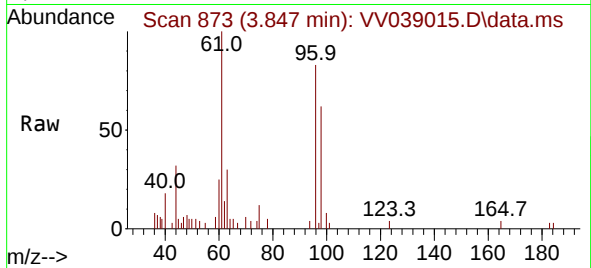
98 64.4 51.5 77.3





#27
cis-1,2-Dichloroethene
Concen: 1.313 ug/l m
RT: 3.847 min Scan# 81
Delta R.T. 0.029 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

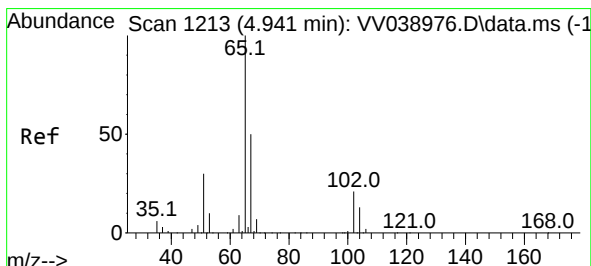
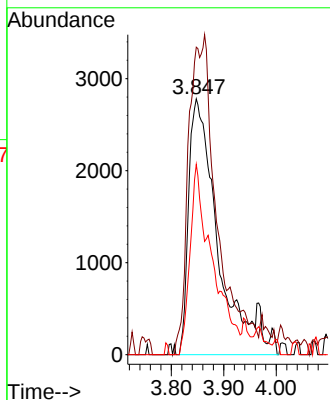
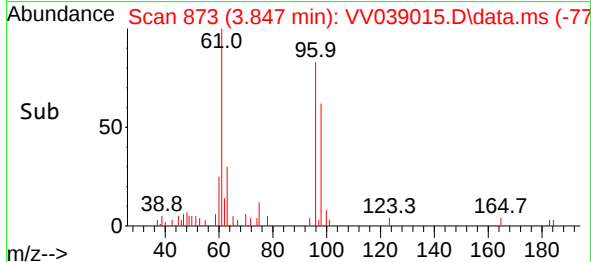
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025DL



Tgt Ion: 96 Resp: 1090
Ion Ratio Lower Upper
96 100
61 48.8 0.0 264.4
98 56.3 0.0 131.8

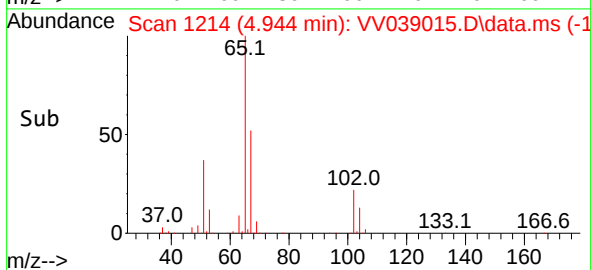
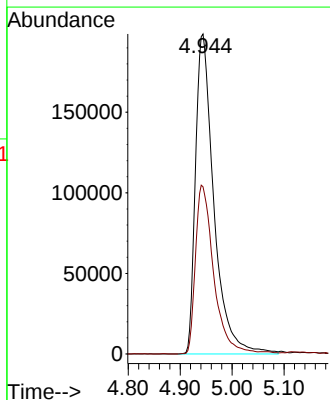
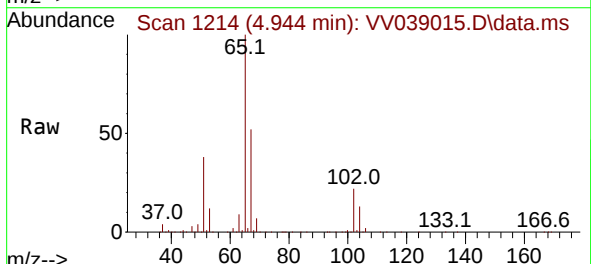
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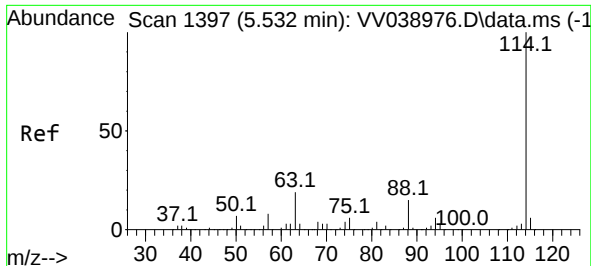
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#33
1,2-Dichloroethane-d4
Concen: 59.794 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.003 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

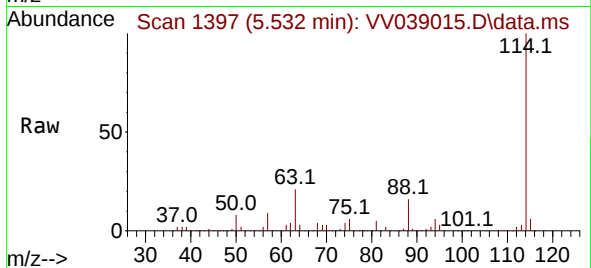
Tgt Ion: 65 Resp: 488252
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

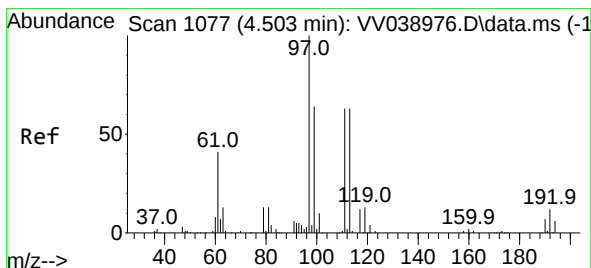
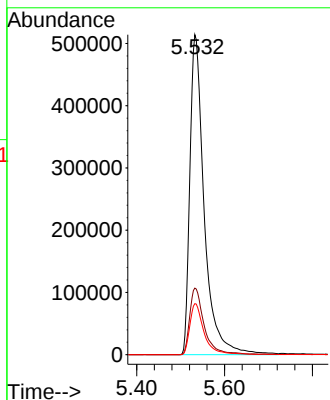
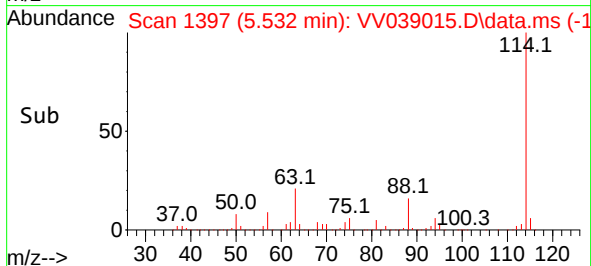
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025DL



Tgt Ion:114 Resp: 116904
Ion Ratio Lower Upper
114 100
63 20.8 0.0 37.4
88 16.0 0.0 30.4

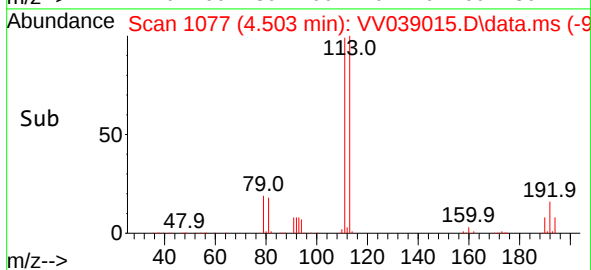
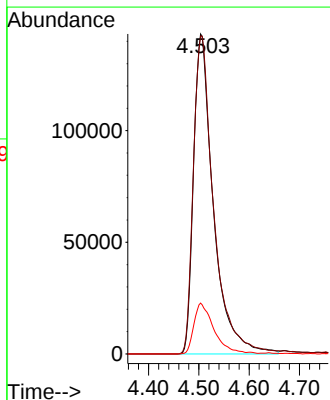
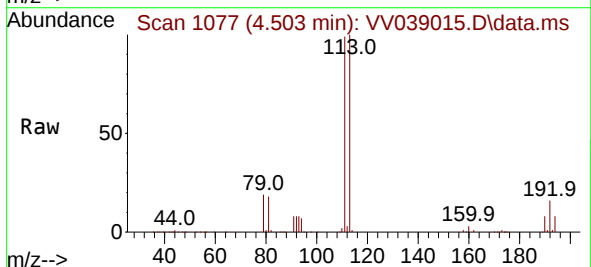
Manual Integrations
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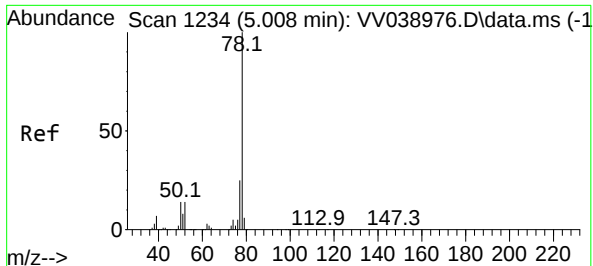
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#35
Dibromofluoromethane
Concen: 44.855 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

Tgt Ion:113 Resp: 393254
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 16.0 15.4 23.0





#40
Benzene
Concen: 52.449 ug/l
RT: 5.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

Instrument :

MSVOA_V

ClientSampleId :

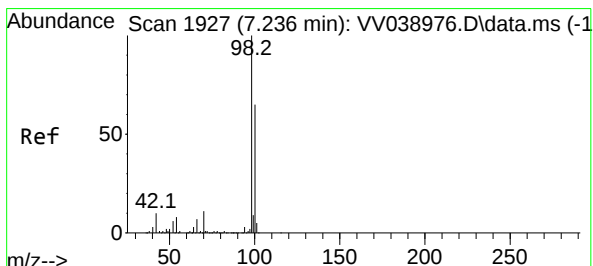
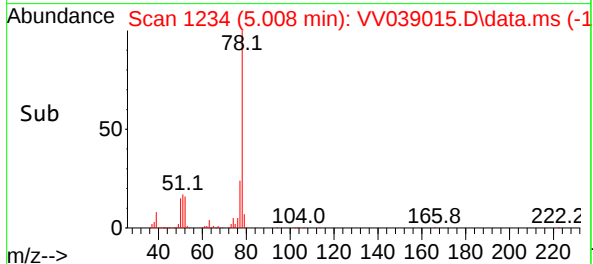
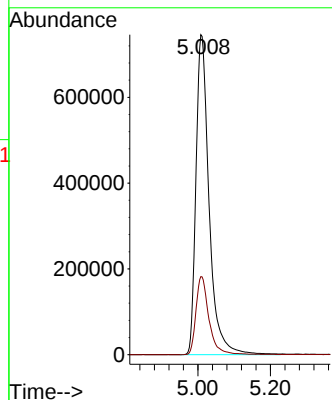
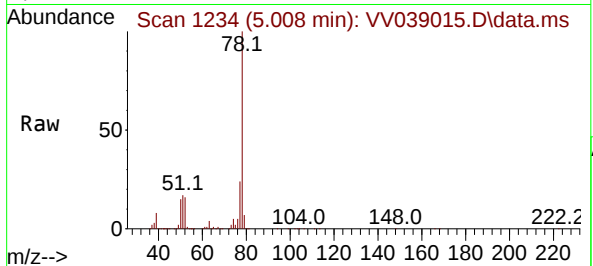
MW-201-082025DL

Tgt Ion: 78 Resp: 1870390
Ion Ratio Lower Upper
78 100
77 24.4 19.6 29.4

Manual Integrations

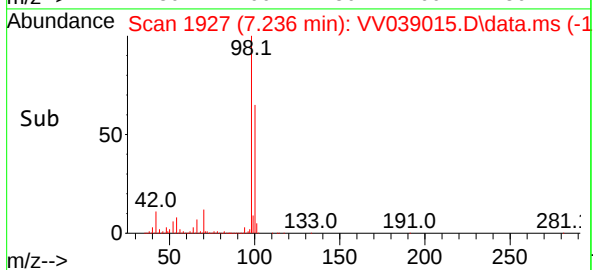
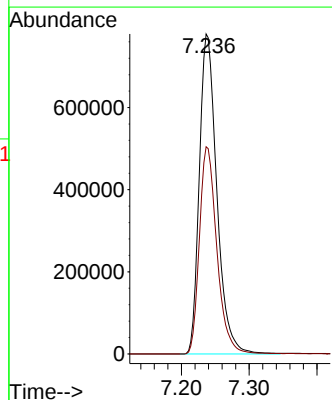
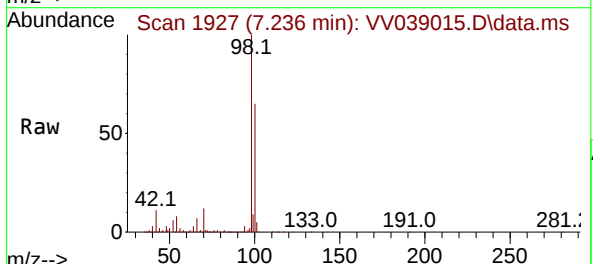
APPROVED

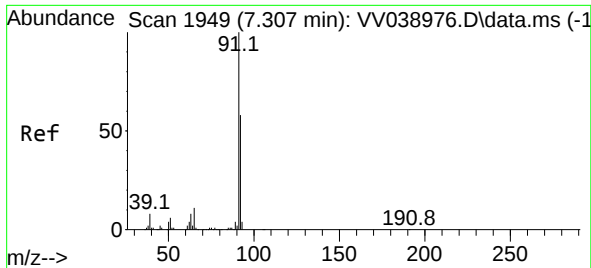
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#50
Toluene-d8
Concen: 45.672 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

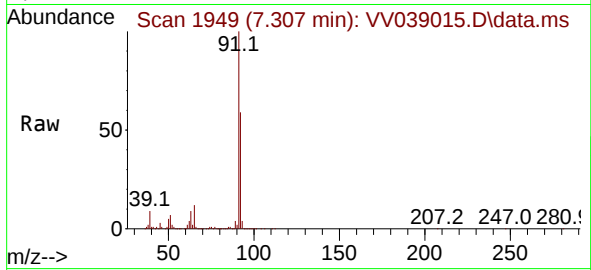
Tgt Ion: 98 Resp: 1396278
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2





#52
Toluene
Concen: 198.837 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

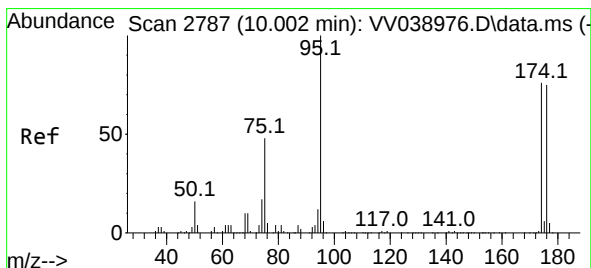
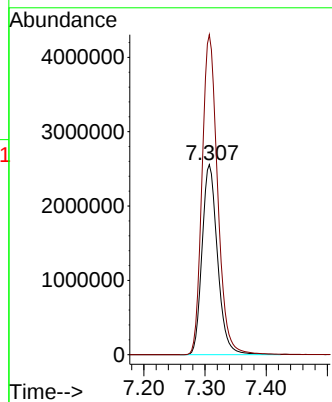
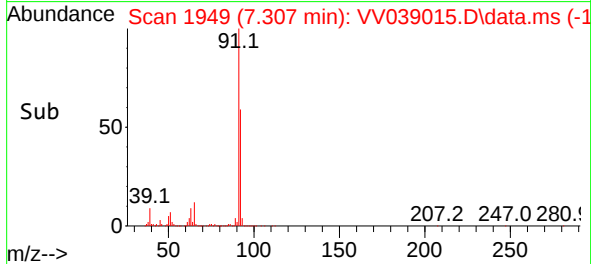
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025DL



Tgt Ion: 92 Resp: 4490735
Ion Ratio Lower Upper
92 100
91 169.8 136.3 204.5

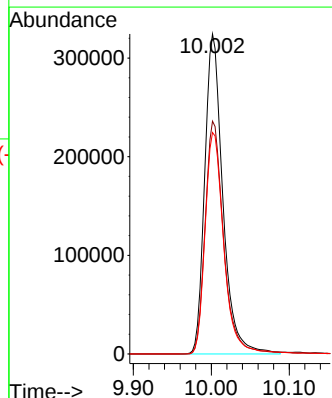
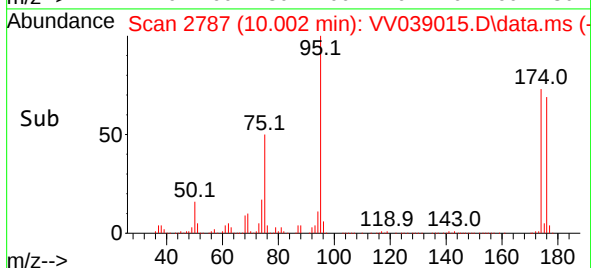
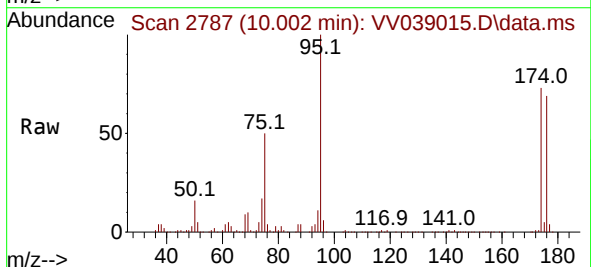
Manual Integrations
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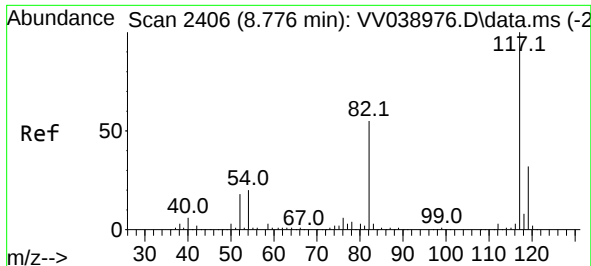
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#62
4-Bromofluorobenzene
Concen: 46.870 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

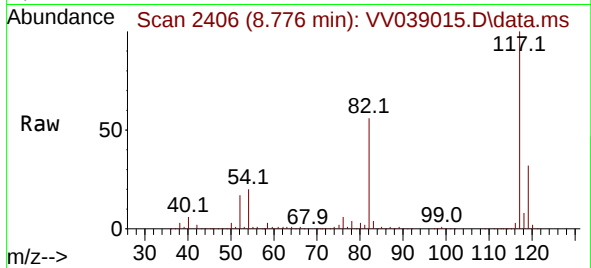
Tgt Ion: 95 Resp: 524195
Ion Ratio Lower Upper
95 100
174 74.6 0.0 154.4
176 71.7 0.0 148.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

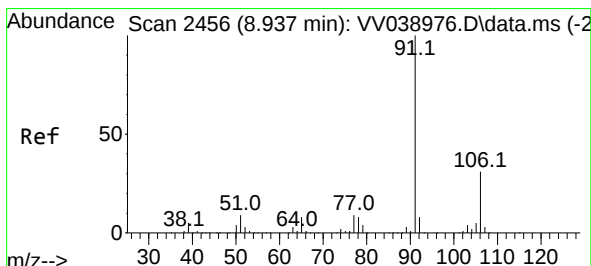
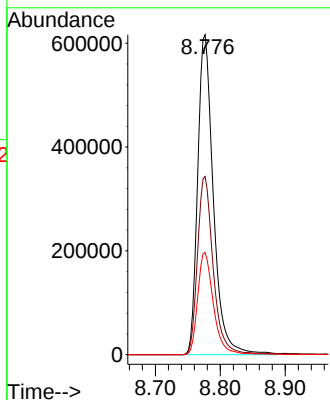
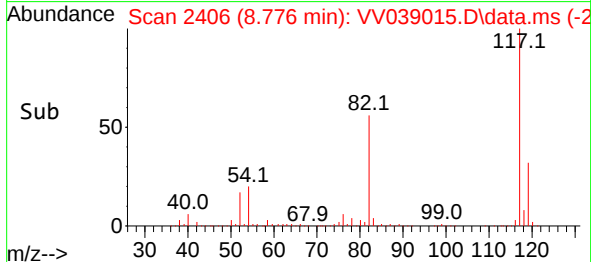
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MW-201-082025DL



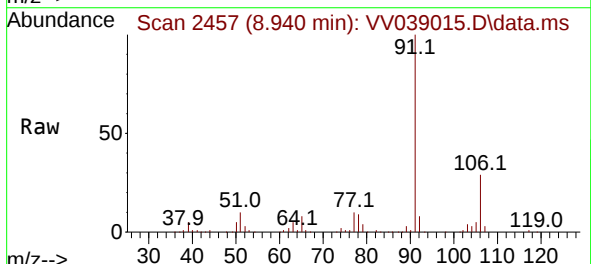
Tgt Ion:117 Resp: 104128
Ion Ratio Lower Upper
117 100
82 55.7 44.4 66.6
119 32.0 26.0 39.0

Manual Integrations
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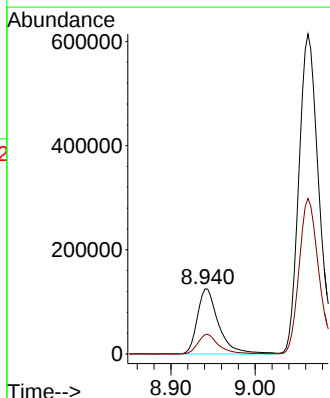
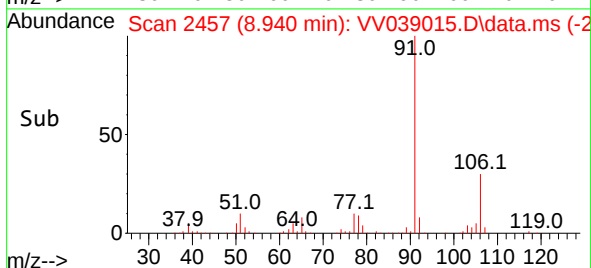
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025

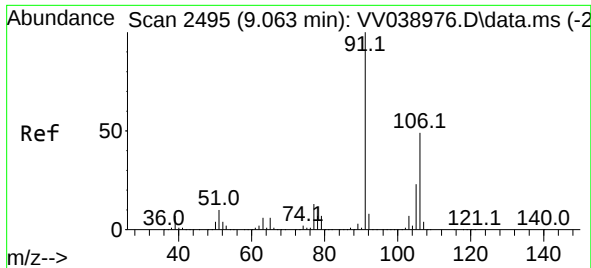


#67
Ethyl Benzene
Concen: 5.719 ug/l
RT: 8.940 min Scan# 2457
Delta R.T. 0.003 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10



Tgt Ion: 91 Resp: 219193
Ion Ratio Lower Upper
91 100
106 29.5 24.6 36.8





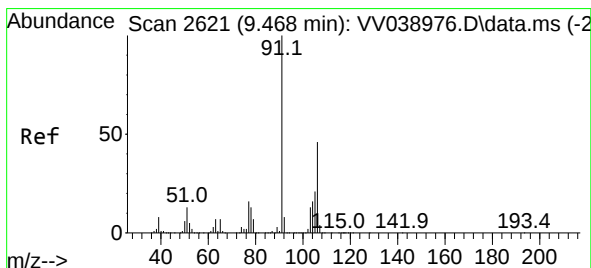
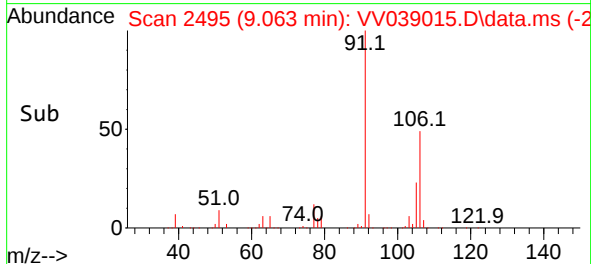
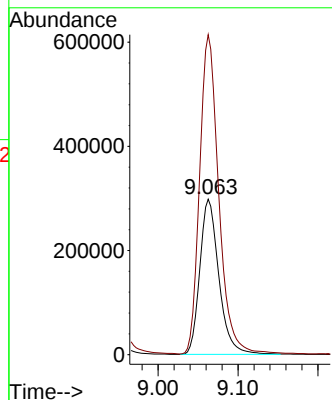
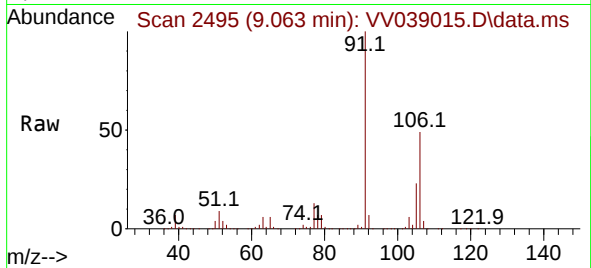
#68
m/p-Xylenes
Concen: 33.260 ug/l
RT: 9.063 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025DL

Tgt Ion:106 Resp: 49507
Ion Ratio Lower Upper
106 100
91 207.1 163.6 245.4

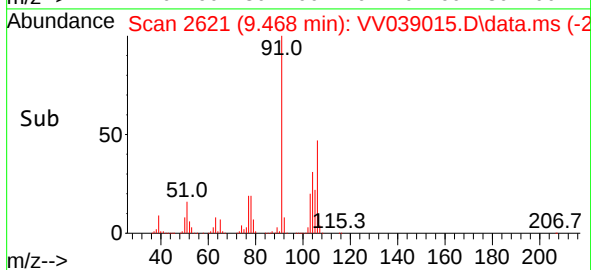
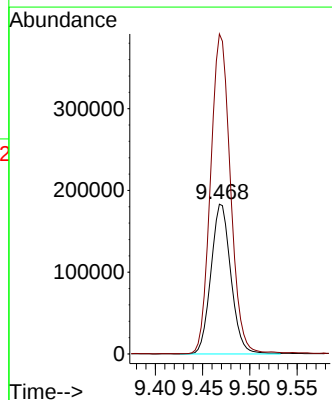
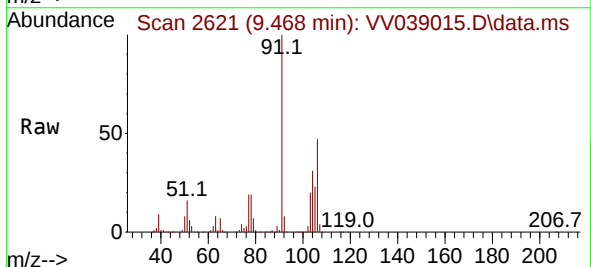
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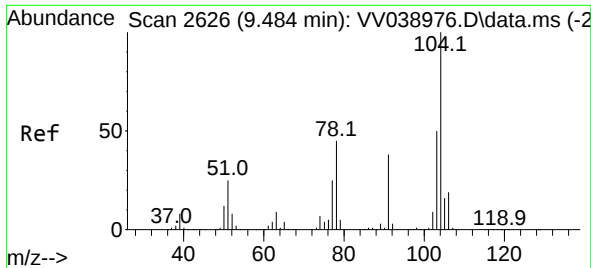
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#69
o-Xylene
Concen: 19.792 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

Tgt Ion:106 Resp: 268524
Ion Ratio Lower Upper
106 100
91 212.7 108.0 324.0





#70
Styrene
Concen: 50.533 ug/l
RT: 9.487 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

Instrument :

MSVOA_V

ClientSampleId :

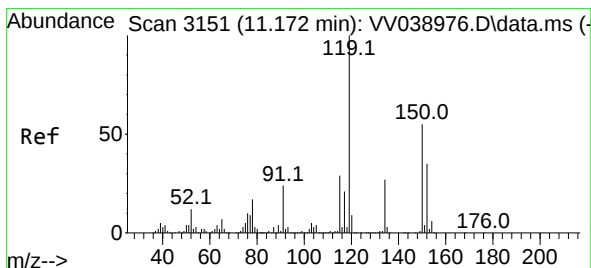
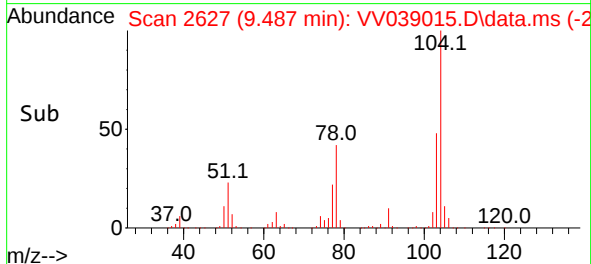
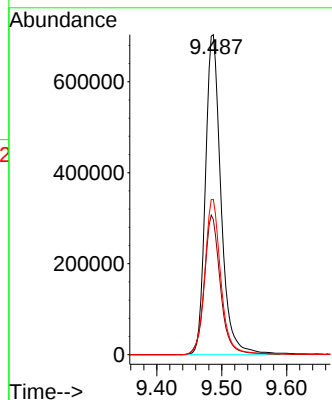
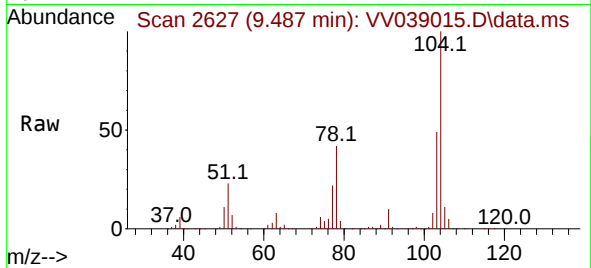
MW-201-082025DL

Tgt Ion:104 Resp: 117624
Ion Ratio Lower Upper
104 100
78 44.9 39.8 59.8
103 50.0 43.5 65.3

Manual Integrations

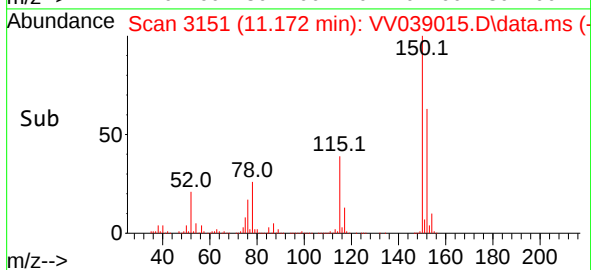
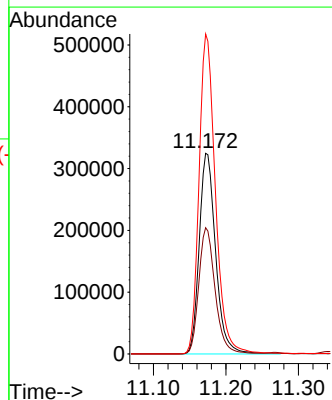
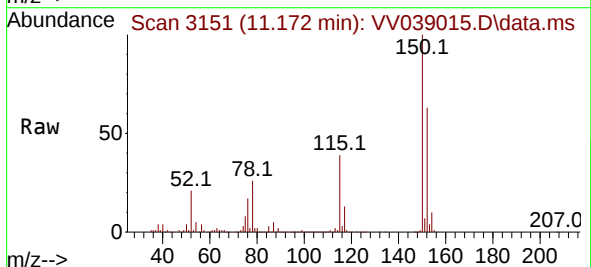
APPROVED

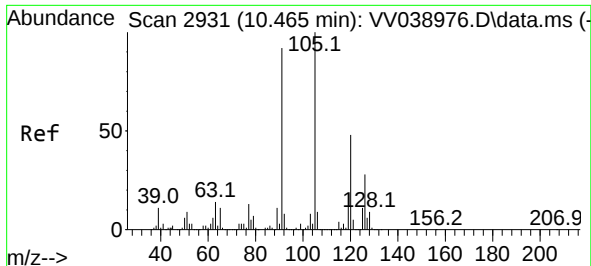
Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

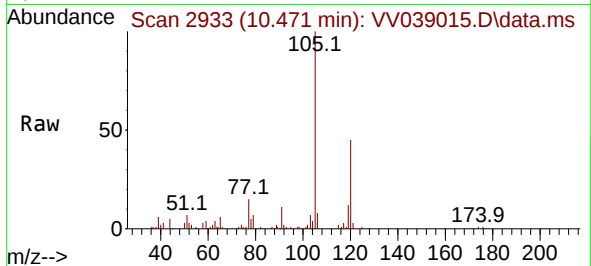
Tgt Ion:152 Resp: 510275
Ion Ratio Lower Upper
152 100
115 62.4 42.5 127.5
150 159.1 0.0 344.8





#80
1,3,5-Trimethylbenzene
Concen: 1.348 ug/l
RT: 10.471 min Scan# 2931
Delta R.T. 0.006 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

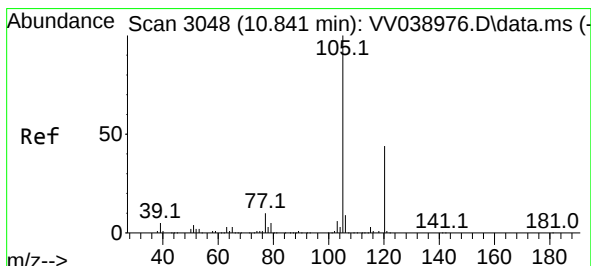
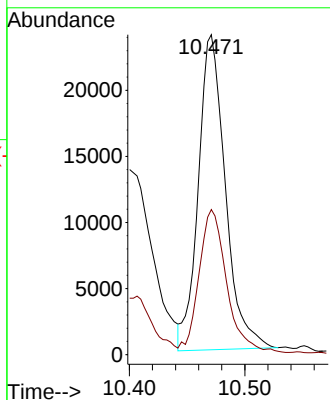
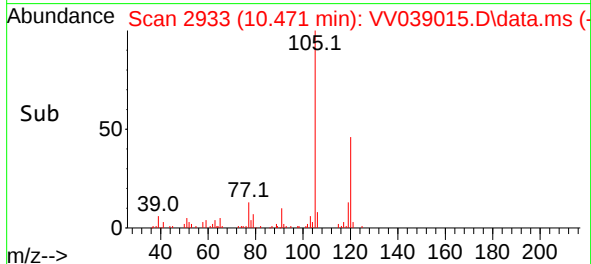
Instrument :
MSVOA_V
ClientSampleId :
MW-201-082025DL



Tgt Ion:105 Resp: 3883
Ion Ratio Lower Upper
105 100
120 46.5 23.9 71.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/25/2025
Supervised By :Mahesh Dadoda 08/25/2025



#84
1,2,4-Trimethylbenzene
Concen: 5.190 ug/l
RT: 10.844 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VV039015.D
Acq: 22 Aug 2025 14:10

Tgt Ion:105 Resp: 143126
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.3

